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ttg Leu 550																2080
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FTrp Lys Thr Tyr Pro Leu Asn Gly Trp Asp Ala Ile Thr Glu Met Asp 50 55 60

glu His Asn Arg Pro Ile His Thr Tyr Gln Val Cys Asn Val Met Glu

Pro Asn Gln Asn Asn Trp Leu Arg Thr Asn Trp Ile Ser Arg Asp Ala

Ala Gln Lys Ile Tyr Val Glu Met Lys Phe Thr Leu Arg Asp Cys Asn 100 105 110

Ser Ile Pro Trp Val Leu Gly Thr Cys Lys Glu Thr Phe Asn Leu Phe

Tyr Met Glu Ser Asp Glu Ser His Gly Ile Lys Phe Lys Pro Asn Gln

Tyr Thr Lys Ile Asp Thr Ile Ala Ala Asp Glu Ser Phe Thr Gln Met

Asp Leu Gly Asp Arg Ile Leu Lys Leu Asn Thr Glu Ile Arg Glu Val

Gly Pro Ile Glu Arg Lys Gly Phe Tyr Leu Ala Phe Gln Asp Ile Gly

Ala Cys Ile Ala Leu Val Ser Val Arg Val Phe Tyr Lys Lys Cys Pro 200 205

Page 5

Phe Thr Val Arg Asn Leu Ala Met Phe Pro Asp Thr Ile Pro Arg Val 210 215 220

Asp Ser Ser Ser Leu Val Glu Val Arg Gly Ser Cys Val Lys Ser Ala 225 230 235 240

Glu Glu Arg Asp Thr Pro Lys Leu Tyr Cys Gly Ala Asp Gly Asp Trp 245 250 255

Leu Val Pro Leu Gly Arg Cys Ile Cys Ser Thr Gly Tyr Glu Glu Ile  $260 \hspace{1.5cm} 265 \hspace{1.5cm} 265 \hspace{1.5cm} 270 \hspace{1.5cm}$ 

Glu Gly Ser Cys His Ala Cys Arg Pro Gly Phe Tyr Lys Ala Phe Ala 275 280 285

Gly Asn Thr Lys Cys Ser Lys Cys Pro Pro His Ser Leu Thr Tyr Met 290 295 300

Glu Ala Thr Ser Val Cys Gln Cys Glu Lys Gly Tyr Phe Arg Ala Glu 1405 310 315 320

itys Asp Pro Pro Ser Met Ala Cys Thr Arg Pro Pro Ser Ala Pro Arg

Asn Val Val Phe Asn Ile Asn Glu Thr Ala Leu Ile Leu Glu Trp Ser

∰ro Pro Ser Asp Thr Gly Gly Arg Lys Asp Leu Thr Tyr Ser Val Ile \_\_\_\_\_ 355 360 365

្វី"Cys Lys Lys Cys Gly Leu Asp Thr Ser Gln Cys Glu Asp Cys Gly Gly ទីខ្លាំ 370 375 380

Gly Leu Arg Phe Ile Pro Arg His Thr Gly Leu Ile Asn Asn Ser Val

Ile Val Leu Asp Phe Val Ser His Val Asn Tyr Thr Phe Glu Ile Glu 405 410 415

Ala Met Asn Gly Val Ser Glu Leu Ser Phe Ser Pro Lys Pro Phe Thr  $420 \hspace{1.5cm} 425 \hspace{1.5cm} 430$ 

Ala Ile Thr Val Thr Thr Asp Gln Asp Ala Pro Ser Leu Ile Gly Val  $435 \,$  440  $\,$  445

Val Arg Lys Asp Trp Ala Ser Gln Asn Ser Ile Ala Leu Ser Trp Gln 450 460

Ala Pro Ala Phe Ser Asn Gly Ala Ile Leu Asp Tyr Glu Ile Lys Tyr 465 470 475 480

Tyr Glu Lys Glu His Glu Gln Leu Thr Tyr Ser Ser Thr Arg Ser Lys 485 490 495

Ala Pro Ser Val Ile Ile Thr Gly Leu Lys Pro Ala Thr Lys Tyr Val $500 \hspace{1cm} 505 \hspace{1cm} 510$ 

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Lys Phe Glu Phe Glu Thr Gly Asp Glu Thr Ser Asp Met Ala Ala Glu 530 535 540

Gln Gly Gln Ile Leu Val Ile Ala Thr Ala Ala Val Gly Gly Phe Thr 545 550 555 560

Leu Leu Val Ile Leu Thr Leu Phe Phe Leu Ile Thr Gly Arg Cys Gln 565 570 , 575

Trp Tyr Ile Lys Ala Lys Met Lys Ser Glu Glu Lys Arg Arg Asn His  $580 \hspace{1.5cm} 585 \hspace{1.5cm} 590$ 

Leu Gln Asn Gly His Leu Arg Phe Pro Gly Ile Lys Thr Tyr Ile Asp 595 600 605

Pro Asp Thr Tyr Glu Asp Pro Ser Leu Ala Val His Glu Phe Ala Lys 610 620

្សែខ្មែល Ile Asp Pro Ser Arg Ile Arg Ile Glu Arg Val Ile Gly Ala Gly ្ពុ<u>ស្ព</u>25 630 635 640

Figur Phe Gly Glu Val Cys Ser Gly Arg Leu Lys Thr Pro Gly Lys Arg
645 650 655

 $^{\rm g}$  Glu Ile Pro Val Ala Ile Lys Thr Leu Lys Gly Gly His Met Asp Arg  $^{\rm g}$   $^{\rm hi}$ 

Coln Arg Arg Asp Phe Leu Arg Glu Ala Ser Ile Met Gly Gln Phe Asp 680 685

His Pro Asn Ile Ile Arg Leu Glu Gly Val Val Thr Lys Arg Ser Phe

Pro Ala Ile Gly Val Glu Ala Phe Cys Pro Ser Phe Leu Arg Ala Gly 705 710 715 720

Phe Leu Asn Ser Ile Gln Ala Pro His Pro Val Pro Gly Gly Ser 725 730 735

Leu Pro Pro Arg Ile Pro Ala Gly Arg Pro Val Met Ile Val Val Glu
740 745 750

Tyr Met Glu Asn Gly Ser Leu Asp Ser Phe Leu Arg Lys His Asp Gly 755 760 765

His Phe Thr Val Ile Gln Leu Val Gly Met Leu Arg Gly Ile Ala Ser 770 775 780

Gly Met Lys Tyr Leu Ser Asp Met Gly Tyr Val His Arg Asp Leu Ala 785 790 795 800

Ala Arg Asn Ile Leu Val Asn Ser Asn Leu Val Cys Lys Val Ser Asp

Phe Gly Leu Ser Arg Val Leu Glu Asp Asp Pro Glu Ala Ala Tyr Thr 825

Thr Thr Gly Gly Lys Ile Pro Ile Arg Trp Thr Ala Pro Glu Ala Ile 840

Ala Tyr Arg Lys Phe Ser Ser Ala Ser Asp Ala Trp Ser Tyr Gly Ile

Val Met Trp Glu Val Met Ser Tyr Gly Glu Arg Pro Tyr Trp Glu Met

Ser Asn Gln Asp Val Ile Leu Ser Ile Glu Glu Gly Tyr Arg Leu Pro

Ala Pro Met Gly Cys Pro Ala Ser Leu His Gln Leu Met Leu His Cys

Trp Gln Lys Glu Arg Asn His Arg Pro Lys Phe Thr Asp Ile Val Ser

Here Leu Asp Lys Leu Ile Arg Asn Pro Ser Ala Leu His Thr Leu Val 930 935 940

FGlu Asp Ile Leu Val Met Pro Glu Ser Pro Gly Glu Val Pro Glu Tyr

😰ro Leu Phe Val Thr Val Gly Asp Trp Leu Asp Ser Ile Lys Met Gly

Gln Tyr Lys Asn Asn Phe Val Ala Ala Gly Phe Thr Thr Phe Asp Leu

Ile Ser Arg Met Ser Ile Asp Asp Ile Arg Arg Ile Gly Val Ile Leu 1000

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Leu His Met Met His Ile Gln Glu Lys Gly Phe His Val 1030

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<213> Mus musculus

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180 185 190 Éys Ile Ala Leu Val Ser Val Arg Val Phe Tyr Lys Lys Cys Pro Phe Thr Val Arg Ser Leu Ala Met Phe Pro Asp Thr Ile Pro Arg Val Asp Ser Ser Ser Leu Val Glu Val Arg Gly Ser Cys Val Lys Ser Ala Glu = 225 230 235 240 Glu Arg Asp Thr Pro Lys Leu Tyr Cys Gly Ala Asp Gly Asp Trp Leu 245 250 255 val Pro Leu Gly Arg Cys Ile Cys Ser Thr Gly Tyr Glu Glu Ile Glu
260 265 270 Gly Ser Cys His Ala Cys Arg Pro Gly Phe Tyr Lys Ala Phe Ala Gly
275 280 285 Asn Thr Lys Cys Ser Lys Cys Pro Pro His Ser Ser Thr Tyr Val Glu 290 295 300 Ala Thr Ser Val Cys His Cys Glu Lys Gly Tyr Phe Arg Ala Glu Lys 305 310 315 320 Asp Pro Pro Ser Met Ala Cys Thr Arg Pro Pro Ser Ala Pro Arg Asn 325 330 335 Val Ala Phe Asn Ile Asn Glu Thr Ala Leu Ile Leu Glu Trp Ser Pro Pro Ser Asp Thr Gly Gly Arg Lys Asp Leu Thr Tyr Ser Val Ile Cys Lys Lys Cys Gly Leu Asp Thr Thr Gln Cys Glu Asp Cys Gly Gly Gly 370 375 380 Leu Arg Phe Ile Pro Arg His Thr Gly Leu Ile Asn Asn Ser Val Val Val Leu Asp Phe Val Ser His Val Asn Tyr Thr Phe Glu Ile Glu Ala Met Asn Gly Val Ser Glu Leu Ser Ile Ser Pro Lys Pro Phe Thr Ala

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